

# Wallbox Lighting Controls

|                 |              |
|-----------------|--------------|
| Project Name:   | Prepared By: |
| Project Number: | Date:        |
| Catalog Number: | Type:        |



## Standard Series Sensor Switch Controls

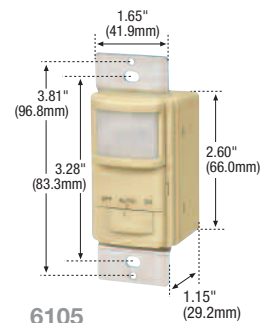
Single-Pole & 3-Way  
500W/400W  
Incandescent, Halogen, Fluorescent (Rapid Start Ballast)



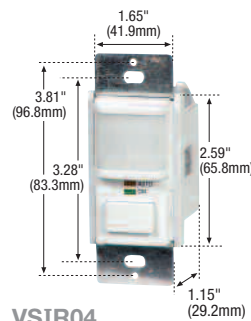
### Standard Occupancy & Vacancy Sensor Switch Controls

#### FEATURES

- Replaces a standard light or fan switch.
- Occupancy Sensors provide up to 150 degree field of view and 900 sq. ft. of major motion coverage.
- Vacancy Sensors provide up to 180 degree field of view and 450 sq. ft. of major motion coverage.
- No neutral required for installation of device provides ideal retrofit solution.
- Vacancy Sensor (VSIR04) can be wired as a Single-Pole or 3-Way device.
- Works with incandescent loads and fluorescent magnetic ballasts only.
- Selectable time delay of 5 seconds to 20 minutes for lights to remain on after room is vacated.
- Occupancy Sensor provides a selectable ambient light override preventing lights from switching ON when there is acceptable natural light.
- Occupancy Sensor Version allows to toggle between Auto-ON/Auto-OFF or Manual ON/Auto-OFF mode.
- Occupancy Sensor provides for a bypass feature to allow the sensor to perform as a traditional switch (Manual ON/Manual OFF).
- Walk-in-Delay feature allows sensor to turn lights off without time delay when motion is detected briefly in room.
- Electrostatic discharge protection.
- No leakage to load in off mode.
- Compact housing fits easily into a standard wallbox and is suitable for multi-gang installations.
- Compatible with decorator-style wallplates and designer screwless wallplates.
- High-gloss finish complements any decor.
- Decorator wallplate included with product (except VSIR04).



6105



VSIR04

#### Standard Occupancy & Vacancy Sensor Switches, Wire Leads



| Rating               | For Lamp Type(s)   | Description  | Catalog No.<br>Color Suffix |
|----------------------|--|--|-----------------------------|
| 500W/400W<br>120V/AC | Incandescent, Halogen<br>Fluorescent Rapid Start Ballast | Occupancy Sensor Switch,<br>Single-Pole                              | □ 6105__<br>V, W            |
| 500W/400W<br>120V/AC | Incandescent, Halogen<br>Fluorescent Rapid Start Ballast | Occupancy Sensor Switch,<br>3-Way                                    | □ 6107__<br>V, W            |
| 500W/400W<br>120V/AC | Incandescent, Halogen<br>Fluorescent Rapid Start Ballast | Vacancy Sensor Switch,<br>Single-Pole & 3-Way,<br>Title 24 Compliant | □ VSIR04__<br>A, LA, V, W   |

#### Color Ordering Information

For ordering, include Cat. No. followed by the color code: A (Almond), LA (Light Almond), V (Ivory), W (White)

#### TESTING & CODE COMPLIANCE

- cULus Listed to UL773A, file no. E191639
- California Title 24 compliant

#### MATERIAL CHARACTERISTICS

- Environmental: Flammability meets UL 94 requirements; V2 rated
- Temperature Rating: 0°C to 40°C (32°F to 104°F)

# Wallbox Lighting Controls Specification & Performance Data

|                 |              |
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## Standard Series Sensor Switch Controls

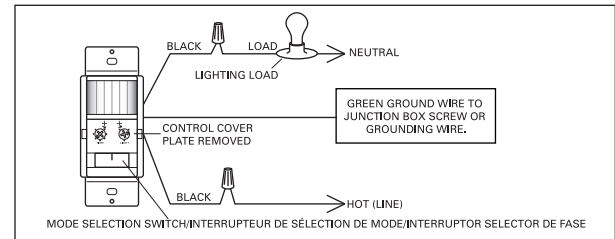
Single-Pole & 3-Way  
500W/400W  
Incandescent, Halogen, Fluorescent (Rapid Start Ballast)

### Application

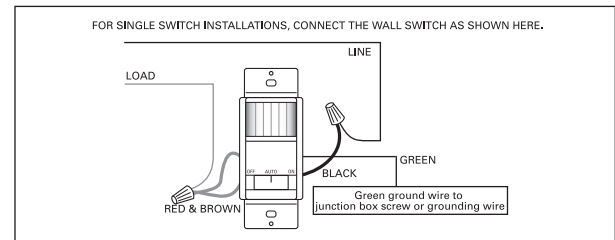
Occupancy Sensor Switches use PIR technology to sense the movement of heat-emitting bodies. Occupancy Sensors provide Auto-ON/Auto-OFF or Manual-ON/Auto-OFF operation. The sensors automatically turn lights off after a space becomes vacant and a preset time delay elapses. Both versions provide Single-Pole (single-location) wiring (6107 provides 3-Way) without neutral and work with Incandescent and Fluorescent magnetic ballast lighting load types only. All sensors are compatible with any decorator-style or decorator screwless wallplate.

|                                      |                                      |   |
|--------------------------------------|--------------------------------------|---|
|                                      | <b>Device Type</b>                   | <b>Standard Series Occupancy &amp; Vacancy Sensor Switches: 6105, 6107, VSIR04 Series</b>   |
|                                      | <b>Wiring Type</b>                   | Wire leads  |
|                                      | <b>Testing &amp; Code Compliance</b> | <ul style="list-style-type: none"> <li>cULus Listed to UL773A, file no. E191639</li> <li>California Title 24 Compliant</li> </ul> |
| <b>Specifications: Environmental</b> | <b>Flammability</b>                  | Meets UL 94 requirements; V2 rated  |
|                                      | <b>Temperature Rating</b>            | 0°C to 40°C (32°F to 104°F)   |
| <b>Specifications: Electrical</b>    | <b>Rating</b>                        | 120V/AC 60Hz, 1/8 HP  |
|                                      | <b>Power-failure Memory</b>          | Light returns to same level prior to power interruption   |
|                                      | <b>Lamp Ratings</b>                  | Incandescent, Halogen, Rapid Start Fluorescent Ballast  |
| <b>Specifications: Mechanical</b>    | <b>Wiring Types</b>                  | Single-Pole & 3-Way   |
|                                      | <b>LED Indicators</b>                | Status  |
|                                      | <b>Voltage Ratings</b>               | Permanently marked on device  |
| <b>Materials:</b>                    | <b>Top Housing</b>                   | Polycarbonate   |
|                                      | <b>Bottom Housing</b>                | Polycarbonate   |
|                                      | <b>Strap</b>                         | Aluminum  |
|                                      | <b>Form Factor</b>                   | Decorator   |
|                                      | <b>Finish</b>                        | Gloss   |

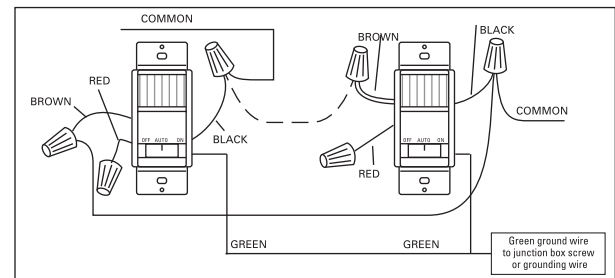
6105 Single-Pole Wiring Diagram, INC/FLR



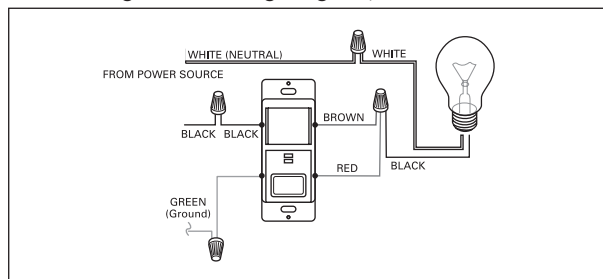
6107 Single-Pole Wiring Diagram, INC/FLR



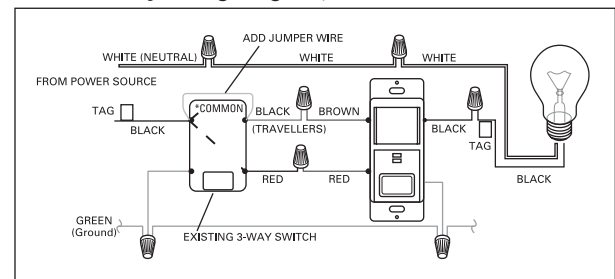
6107 3-Way Wiring Diagram, INC/FLR



VSIR04 Single-Pole Wiring Diagram, INC/FLR



VSIR04 3-Way Wiring Diagram, INC/FLR



Specifications subject to change without notice.